

Reliable Power Protection for Small And Medium Businesses

The Amplon M series is a line-interactive UPS providing sine-wave quality ideally suited for devices in small and medium businesses.

Automatic voltage regulator (AVR) delivers stable voltage while providing higher availability. It is available in either rack or tower configuration to fit multiple applications such as servers, networking, VoIP and telecommunications. The Amplon M features excellent normal mode efficiency and high output power factor, resulting in a greater power supply for critical loads at significantly less operating cost.



Illustrative photos

Availability

- Hot swappable battery pack for easy maintenance.
- Automatic voltage regulator (AVR) delivers stable output voltage.
- Wide input voltage range reduces battery discharge occurrence and extends battery life.
- Battery starts when utility power is not present.
- Self test for battery replacement warning.

Flexibility

- Rack or tower configuration in 2U size cabinet.
- Optional external battery pack (applicable for 3kVA model) for extendable backup time.
- Communication slot for various smart cards to support various applications.
- Intelligent management software connectivity via RS232 or USB port.

TCO

- High output power factor 0.9 provides more real power to critical loads.
- High efficiency online mode can reach at minimum 97% and 96% for 1/1.5kVA and 2/3kVA respectively supporting operating cost savings.
- Automatic fan-speed control function lowers noise and prolongs fan life under different operation modes with lower speed.



2 kVA Rear View



3 kVA Rear View



Delta offers full range UPS solutions from 600 VA to 4000 kVA to fulfill your power security needs.



Storage



Medical



Server



Telecom



Industrial



Network



VoIP



UPS

Amplon, M Series



Technical specifications

Models	M-1K	M-1,5K	M-2K	M-3K
Power	1000VA / 900W	1500VA / 1350W	2000VA / 1800W	3000VA / 2700W
Input				
Nominal voltage	220 – 230 – 240 V _{AC} (1-ph)			
Voltage range	-18 % ~ +21 % 220 V _{AC} : 180 – 266 V _{AC} / 230 V _{AC} : 188 – 278 V _{AC} / 240 V _{AC} : 196 – 290 V _{AC}			
Nominal frequency	50 / 60 Hz ±5 Hz (auto selectable)			
Electrical connection	1 x IEC 320 C14		1 x IEC 320 C20	
Output				
Voltage	220 – 230 – 240 V _{AC} (1-ph)			
Voltage regulation	±10 %			
Frequency	50 or 60 (±0,1 Hz)			
Overload capacity	111 % ~ 125 %: shutdown after 20 seconds 126 % ~ 150 %: shutdown after 10 seconds > 150 %: shutdown immediately			
Receptacle	4 x 2 x IEC 320 C13		4 x 2 x IEC 320 C13 1 x IEC 320 C19	
Batteries				
Nominal voltage	36 V _{DC}	36 V _{DC}	72 V _{DC}	72 V _{DC}
Charge current	7 Ah	9 Ah	7 Ah	9 Ah
Typical back up time	≥ 4 minutes (100 % load) ≥ 10 minutes (50 % load)			
Charging capacity	6 hours to 90 %			
Other features				
Communications	RS232, USB, Smart slot, REPO			
Efficiency				
Normal mode	> 97 %		> 96 %	
AVR mode	> 93 %		> 93 %	
Relative humidity	< 95% non-condensing			
Operating temperature	0°C / +40 °C			
Noise level at 1 m	< 45 dBA		< 60 dBA	
Display	LEDs			
Dimensions (w x d x h) (mm)	440 x 429,4 x 88,5		440 x 608 x 88,5	
Weight (kg)	18,5	19,2	33	34,7
Standards	CE, CB Report (TÜV), EN62040-1, EMC: EN 62040-2 category C1			
External battery Pack				
Dimensions (w x d x h) (mm)	-	-	-	440 x 429,4 x 88,5
Weight (kg)	-	-	-	23,3
Nominal voltage	-	-	-	72 V _{DC}
Type	-	-	-	9 Ah

A2B, s.r.o. reserves the right to change any specifications without prior notice (V012014)